

## SYSTEM AND METHOD FOR DETECTING TERMINATION OF AN APPLICATION INSTANCE USING LOCKS

### Abstract

A system and method for detecting termination of an application, such as a database instance, that uses locks is described. A holding child process is started from a parent process. The holding child process connects to a monitored application instance, acquires an exclusive lock on the monitored application instance and returns a ready signal upon successfully acquiring the exclusive lock. A waiting child process is started from the parent process subsequent to the holding child process. The holding child process connects to the monitored application instance, blocks on the exclusive lock on the monitored application instance and returns a result signal upon at least one of acquiring the exclusive lock and clearing the block on the exclusive lock. The return signal is processed at the parent process. Using locks provides immediate detection that the application has terminated. Methods for blocking against the application are also described.